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7

On Topological Methods in the Theory of
Functions of a Complex Variable

S/020/60/131/05/07/069

Theorem 1: Let I be the boundary index of $u(x,y) = \operatorname{Re} f(z)$ on the contour Γ with respect to G . Then it holds

$$(3) \quad \sum_{k=1}^m (1-p_k) = 2 - \alpha + I,$$

where m is the number of singularities in G described above.

The relation (3) exists also when the above singularities lie on the boundary Γ if the definition of I is suitably modified (theorem 2).

The author mentions F.D.Gakhov, Yu.M.Krikunov and T.A.Kolomiitseva.

There are 3 references: 2 Soviet and 1 American.

ASSOCIATION: Rostovskiy-na-Donu gosudarstvennyy universitet (Rostov-na-Donu State University)

PRESENTED: December 21, 1959, by N.I.Muskhelishvili, Academician

SUBMITTED: August 2, 1959

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Card 2/2

85934
3/020/60/134/003/024/033XX
C 111/ C 333

16,3000

AUTHOR: Mel'nik, I. M.

TITLE: Branching Point Indices of a Many-Valued Function 16

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 134, No. 3,
pp. 521-524

TEXT: Let the domain G be bounded by the Jordan curves
($\Gamma_1, \Gamma_2, \dots, \Gamma_\alpha$) = Γ . Assume that in the neighborhood of an
interior point a of G a function $f(z)$ has the representation

$$(1) f(z) = \sum_{j=1}^m g_j(z)(z-a)^{q_j} + (z-a)^n \psi(z) + C \quad \text{or}$$

$$(3) f(z) = g(z)(z-a)^s \ln^q(z-a) + (z-a)^n \psi(z) + C \quad \text{or}$$

$$(4) f(z) = \psi(z) \ln^q(z-a) + g(z)(z-a)^s + C,$$

where g_j , s are real, not integer; n , q are integer; $g_j(z)$, $g(z)$
and $\psi(z)$ are analytic in a and different from zero and satisfy
some further restrictions.

Assume that the function $f(z)$ has m critical points a_j in G and in
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Branching Point Indices of a Many-Valued Function

their neighborhoods one of the representations (1), (3), (4). Let the function $n(x,y) = \operatorname{Re} f(z)$ be harmonic in the domain G cut open along $L_j(t = x + i\beta_j, x \leq \alpha_j, \alpha_j = \alpha_j + i\beta_j)$, continuous in $\bar{G}$ (eventually except the points a_j). Let $u(x,y)$ satisfy on Γ one of the boundary conditions A, B, C of (Ref.1).

Theorem: Let I be the boundary index of $u(x,y)$ on Γ relative to G . Then it is

$$(5) \quad \sum_{j=1}^m I(a_j) = 2 - \alpha + I,$$

where $I(a_j)$ is the index of the point a_j of the function $u(x,y)$.

The proof is based on three lemmata in which for the cases (1), (3), (4) the growth of the boundary index of $u(x,y)$ on $\gamma_0 (|z-a| = r_0)$ relative to $|z-a| > r_0$ is calculated.

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Branching Point Indices of a Many-Valued Function

The author mentions F. D. Gakhov, Yu. M. Krikunov, T. A. Kolomiytseva
and A. J. Povolotskiy.

There are 4 references: 3 Soviet and 1 American.

ASSOCIATION: Rostovskiy-na-Donu gosudarstvennyy universitet
(Rostov-na-Donu State University)

PRESENTED: May 11, 1960, by P. S. Aleksandrov, Academician

SUBMITTED: January 30, 1960

X

Card 3/3

MEL'NIK, I.M.

Topological methods of the theory of functions of complex
variables on a Riemann space. Izv. AN SSSR. Ser. mat. 25 no.6:
815-824 N-D '61. (MIRA 14:11)

(Topology)
(Functions of complex variables)
(Spaces, Generalized)

MEL'NIK, I.M. (Rostov-na-Donu)

Topological methods in the theory of multiple-valued
functions. Mat. sbor. 55 no.3:289-306 N '61. (MIRA 14:11)
(Topology)
(Functions, Analytic)

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S/020/617138/003/007/017
C111/C333

AUTHOR: Mel'nik, I. M.

TITLE: On Hilbert's boundary value problem

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 138, no. 3, 1961,
537-540

TEXT: Let the domain D be bounded by a simple smooth curve L ; let $a(t)$, $b(t)$, $c(t)$ be real functions on L which satisfy the Hölder condition, where $a(t)$, $b(t)$ are not identically equal to zero on L . Assume that the function $\alpha(t)$ maps L into itself homeomorphically and under conservation of the sense of circulation; $\alpha'(t)$ is assumed to satisfy the Hölder condition and to be $\neq 0$ on L . Let

$$\alpha[\alpha(t)] = t, a(t) a[\alpha(t)] = b(t) b[\alpha(t)]. \quad (1)$$

Determine a function $f(z) = u(z) + iv(z)$ analytic in D , continuously continuable on L , the real and imaginary part is required to satisfy the boundary condition.

$$a(t) u[\alpha(t)] + b(t) v(t) = c(t) \text{ on } L \quad (2)$$

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Let the finite domain bounded by L be D^+ , the infinite domain -- D^- .
Let the sense of rotation on L be positive relative to D^+ . If $D \equiv D^+$,
then the problem formulated above is called the interior problem,
for $D \equiv D^-$ it is called the exterior problem.

In the case $D \equiv D^+$ the problem is reduced to the equivalent problem

$$f^+[\alpha(t)] = G(t) \overline{f^+(t)} + g(t) \quad \text{on } L \quad (3)$$

where

$$G(t) = \frac{b(t)}{ia(t)}, \quad g(t) = \frac{c(t)b[\alpha(t)] + ia(t)c[\alpha(t)]}{a(t)b[\alpha(t)]} \quad (4)$$

At first the author considers the special case, where (3) has the form

$$f^+[\alpha(t)] = \overline{f^+(t)} + g(t) \quad (5)$$

The solution of (5) is sought in the form

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$$f(z) = \frac{1}{2\pi i} \int_L \frac{\varphi[\alpha(\tau)]}{\tau - z} d\tau \quad (6)$$

which for $f(t)$ leads to the Fredholm equation

$$K\varphi \equiv \varphi(t) + \frac{1}{2\pi i} \int_L \left(\frac{\alpha'(\tau)}{\alpha(\tau) - \alpha(t)} - \frac{1}{\tau - t} + \frac{2i}{\tau'} \frac{\cos(r, n)}{r} \right) \varphi(\tau) d\tau =$$

$= g(t)$
where $r = |\tau - t|$, n -- interior normal of L in the point τ ; (r, n)
the angle between $\tau - t$ and n ; $\tau' = d\tau/ds$, s -- arc.

Finally, the author states that the general solution of (3) or (2)
is given by

$$f(z) = \left\{ A + \frac{1}{2\pi i} \int_L \frac{\varphi[\alpha(\tau)]}{\tau - z} d\tau \right\} e^{\Gamma(z)} \quad (8)$$

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$$\Gamma(z) = \frac{1}{2\pi i} \int_L \frac{\varphi[\alpha(\tau)]}{\tau-z} d\tau \quad (8^*)$$

where $\varphi(t)$ is the solution of the equation $K\varphi = \ln \left\{ \frac{b(t)}{ia(t)} \right\}$;
 $\psi(t)$ the solution of $K\psi = g(t) e^{-\Gamma^*[\alpha(t)]}$.

In the case $D \approx D^-$ the general solution of (3) and (2) respectively, is obtained in the form

$$f(z) = \left\{ A + ic + \frac{1}{2\pi i} \int_L \frac{\varphi[\alpha(\tau)]}{\tau-z} d\tau \right\} e^{\Gamma(z)} ; \quad (11)$$

$$\Gamma(z) = \frac{1}{2\pi i} \int_L \frac{\psi[\alpha(\tau)]}{\tau-z} d\tau + im;$$

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On Hilbert's boundary value problem

where $\varphi(t)$ is the solution of

$$K^0 a = - \ln \left\{ \frac{b(t)}{ia(t)} \right\} + 2 \operatorname{im} ,$$

$r(t)$ the solution of

$$K^0 \varphi = - g(t) e^{-\Gamma[\alpha(t)]} + 2ic$$

the constants m and c are determined from

$$2im \int_L \psi(t) dt = \int_L \ln \left\{ \frac{b(t)}{ia(t)} \right\} \psi(t) dt$$

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$$2ic \int_L \psi(t) dt = \int_L g(t) \psi(t) e^{-\Gamma[\alpha(t)]} dt$$

and the operator K^0 is defined by

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On Hilbert's boundary value problem

$$K^0 \varphi \equiv \varphi(t) - \frac{1}{2\pi i} \int_L \left(\frac{\alpha'(\tau)}{\alpha(\tau) - \alpha(t)} - \frac{1}{\tau - t} + \frac{2i}{\tau} \right.$$

$$\left. \frac{\cos(r, n)}{r} \right) \varphi(\tau) d\tau.$$

Finally, the solution of

$$a(t)u[\alpha(t)] - \frac{b(t)}{2\pi} \int_0^{2\pi} u(\tau) \operatorname{ctg} \frac{\sigma - s}{2} d\sigma = c(t) \quad (12)$$

where $t = e^{is}$, $\tau = e^{i\sigma}$ and $a(t)$, $b(t)$, $c(t)$, $\alpha(t)$ are as before former is reduced to (2).

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On Hilbert's boundary value problem

The author mentions D. A. Kveselava and Sokhotskiy. There is 1
Soviet-bloc reference.

ASSOCIATION: Rostovskiy-na-Donu gosudarstvennyy universitet
(Rostov-na-Donu State University)

PRESENTED: January 16, 1961, by V. J. Smirnov, Academician

SUBMITTED: January 5, 1961

Card 7/7

GAKHOV, Fedor Dmitriyevich; ROGOZHIN, V.S., dots., red.; BACHURINA, T.A., aspirant, red.; GOVORUKHINA, A.A., aspirant, red.; ZARIPOV, R.Kh., aspirant, red.; MEL'NIK, I.M., aspirant, red.; MIKHAYLOV, L.G., aspirant, red.; LITVINCHUK, G.S., aspirant, red.; PARADOKSOVA, I.A., aspirant, red.; KHASABOV, E.G., aspirant, red.; CHERSKIY, Yu.I., aspirant, red.; YANOVSKIY, S.V., aspirant, red.; ARAMANOVICH, I.G., red.; Prinimali uchastiye: BOROVSKAYA, N.I., red.; RYSYUK, N.A., red.; SMAGINA, V.I., red.; KHAYRULLIN, I.Kh., red.; CHUMAKOV, F.V., red.; POLOVINKIN, S.M., red.; KEPPEL, I.V., red.; MIKHLIN, E.I., tekhn. red.

[Boundary value problems] Kraevye zadachi. Izd.2., perer. i dop.
Moskva, Fizmatgiz, 1963. 639 p. (MIRA 16:3)
(Boundary value problems)

ACCESSION NR: APL4033969

8/0110/64/000/002/0100/0109

AUTHOR: Mel'nik, I. M.

TITLE: Singular integrofunctional equation

SOURCE: IVUZ. Matematika, no. 2, 1964, 100-109

TOPIC TAGS: integrofunctional equation, complex function, Holder condition, infinitely distant point, Carleman problem

ABSTRACT: Let $a(x)$, $b(x)$, $c(x)$, $d(x)$ and $f(x)$ be complex functions of the real variable x satisfying a Hölder condition for all values of x , including an infinitely distant point. The author considers the integro-functional equation

$$K\varphi = a(x)\varphi(x) + b(x)\varphi(-x) + \frac{c(x)}{\pi} \int_{-\infty}^{\infty} \frac{\varphi(t)}{x-t} dt + \frac{d(x)}{\pi} \int_{-\infty}^{\infty} \frac{\varphi(t)}{x+t} dt = f(x), \quad (1)$$

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ACCESSION NR: AP4033969

The solution $\Phi(x)$ of (1) is sought in the class of functions satisfying a Hölder condition. The original problem is converted into an exterior and an interior Carleman problem. The author obtains conditions for the solution of the interior problem and shows that the exterior problem is solvable. He specializes to a more particular case of the Carleman problems and under these conditions obtains a solution in terms of a Cauchy type integral. He then reconsiders the original problem and gives conditions under which it is solvable. Orig. art. has: 56 formulas.

ASSOCIATION: none

SUBMITTED: 03Feb62

SUB CODE: MM

DATE ACQ: 07May64

NO REF SOV: 003

ENCL: 00

OTHER: 000

Card 2/2

MEL'NIK, I.V. (Taganrog)

Hydraulic sprayer. Zashch. rast. ot vred. 1 bol. 9 no.8:

28-29 '64.

(MIRA 17:12)

BEREZOV, Yu.Ye. (Moskva, D-284, Begovaya ul., d.11, kv.181); POKROVSKIY, A.V.;
MEL'NIK, I.Z.

Aortic coarctation of atypical localization. Grud. khir. 6 no.5:51-
57 S-O '64. (MIRA 18:4)

1. Otdeleniye khirurgii sosudov (zav. - prof. Yu.Ye.Berazov)
Instituta serdechno-sosudistoy khirurgii (dir. - prof. S.A.
Kolesnikov; nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN
SSSR, Moskva.

MEL'NIK, I.Z.; NADZHIMITDINOV, L.T.

Diagnostic significance of oscillography and plethysmography in aortic coarctation. Sov. med. 27 no.6:14-21 Je '64.

(MIRA 18:1)

1. Otdeleniye khirurgii sosudov (zav. - prof. Yu.Ye. Berezov)
Instituta serdechno-sosudistoy khirurgii (direktor - prof. S.A.
Kolesnikov, nauchnyy rukovoditel' - akademik A.N. Bakulev) AMN
SSSR, Moskva.

BEREZOV, Yu.Ye., doktor med.nauk; POKROVSKIY, A.V., kand.med.nauk;
MEL'NIK, I.Z.; RUSHANOV, I.I.; KHOMUTOVA, M.G.

Diagnosis of congenital stenosis of the aorta. Sov.med. 26
no.10:27-33 0 '62. (MIRA 15:12)

1. Iz otdeleniya khirurgii sosudov (zav. - doktor med.nauk
Yu.Ye.Berezov) i rentgenologicheskogo otdeleniya (zav. - dotsent
M.A.Ivanitskaya) Instituta serdechno-sosudistoy khirurgii (dir. -
prof. S.A.Kolesnikov; nauchnyy rukovoditel' - akademik A.N.
Bakulev) AMN SSSR.

(AORTA—DISEASES)

SERGEYEV, V.M., kand.med.nauk; MEL'NIK, I.Z.

Postoperative pneumonia following pneumonectomy. Vest.khir.
90. no.2:144-148 F'63. (MIRA 16:7)

1. Iz Instituta grudnoy khirurgii (dir. - prof. S.A.Kolesnikov,
nauchnyy rukovoditel' - akademik A.N.Bakulev) AMN SSSR. Adres
avtorov: Moskva, Leninskiy pr., d.8, Institut grudnoy khirur-
gii.

(LUNGS---SURGERY) (PNEUMONIA)

CHAZOV, Ye.I.; ANDREYENKO, G.V.; SPEKTOROVA, Z.G.; RAYEVSKAYA, V.V.;
MOISEYEV, S.G.; BABSKIY, Ye.B.; BREDIKIS, Yu.I.; KUSHKIY, R.O.;
KALITEYEVSKAYA, V.F.; BEREZOV, Ye.; POKROVSKIY, A.V.; MEL'NIK,
I.Z.; AGRANENKO, V.A.; VINOGRADOVA, I.L.; SKACHILOVA, N.N.;
VIKHERT, A.M.; ZAMYSLOVA, K.N., prof.; SOKOLOVSKIY, V.P., prof.;
BEYUL, Ye.A., kand.med.nauk; SOLOV'YEV, V.V.

Minutes of the meetings of the Moscow Society of Theraputists.
Terap.arkh. 35 no.1:112-118 Ja'63. (MIRA 16:9)
(THERAPEUTICS—ABSTRACTS)

POKROVSKIY, A.V.; PETROSYAN, Yu.S.; MEL'NIK, I.Z.; RUSHANOV, I.I.

Angiographic picture of coarctation of the aorta according to operative data. Grud. khir. 5 no. 6:56-61 N-D '63 (MIRA 17:2)

1. Iz otdeleniya khirurgii sosudov (zav. - prof. Yu.Ye.Berezov) i rentgenologicheskogo otdeleniya (zav. - dotsent M.A. Ivanitskaya) Instituta serdechno-sosudistoy khirurgii (direktor- prof. S.A. Kolesnikov, nauchnyy rukovoditel'- akademik A.N.Bakulev) AMN SSSR.

MEINICK, Joseph, L.

Group of the papovaviruses, with special reference to the simian virus SV 40. Stud. cercet. inframicrobiol. 15 no.1:3-20 '64.

Mel'nik, R. M.

Use of thermographic methods in the study of heating processes in dough. V. I. Nazarov, A. S. Ginzburg, V. I. Kolpachev, and K. M. Mel'nik. *Trudy Moskov. Tekhnol. Inst. Pishchevoi Prom.* 1954, No. 3, 65-8; *Referat. Zhur., Khim.* 1954, No. 50868. — An endothermal effect was observed in the degradation of starch. Heating curves for dough and temp. curves for baking are given. M. Hodeh MD

(3)

MEL'NIK, K. P., Cand. Agri.Sci. (diss) "Morphological Features of Development of Skeleton of Swine with Different Protein Feedings," Khar'kov, 1961, 17 pp. (Khar'kov Zooveter. Inst.) 180 copies (KL Supp 12-61, 280).

MEL'NIK, K.S.
MEL'NIK, K.S., general-lieutenant.

Driver training is one of the most important task of organizations of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Za rul. 14 no.3:2 Je '56. (MIRA 11:2)

1. Zamstitel' predsedatelya Tsentral'nogo komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu SSSR.
(Automobile drivers)

YAKOVLEV, N.P., polkovnik; SOKOLOV, N.A., polkovnik; BESHKAREV, N.A.,
podpolkovnik; FEDYAYEV, P.V., podpolkovnik; MEL'NIK, K.S.,
general-leutenant, red.; YEMEL'YANOV, V.T., polkovnik, red.;
VOLKOVA, V.Ye., tekhn.red.

[Textbook for the potential draftee] Uchebnik doprizyvnik.
Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 375 p.

(MIRA 13:11)

(Russia--Army--Handbooks, manuals, etc.)

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GRIGORASH, A.M.; MEL'NIK, K.V.

Conference on coal mining without the presence of men in the stopes.
Ugol' Ukr. 4 no.12:42 D '60.

(MIRA 13:12)

(Mining research)

GRIGORASH, A.M.; MEL'NIK, K.V.

Don't hesitate to introduce advanced mining systems and methods
of roof control. Ugol' Ukr. 5 no.4:47 Ap '61. (MIRA 14:4)
(Coal mines and mining)

GRIGORASH, A.M.; MEL'NIK, K.V.

Conference on hydraulic mining. Ugol' Ukr. no.6:46 Ja '61.
(Hydraulic mining) (MIRA 14:7)

MEL'NIK, L. A.

MEL'NIK, L. A.: "The treatment of burns by dusting ordinary gypsum (experimental-clinical investigation)." Naval Medical Academy. Leningrad 1956.

(Dissertation for the degree of Candidate in Medical Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

954. THE ANTISEPTIC PROPERTIES OF COMMON PLASTER OF PARIS
(Russian text) - Melnik L. A. - NOV. KHIR. ARKH. 1956, 5 (45-49)
The effect of common plaster of paris on the course of experimental gas gangrene and poisoning by botulin toxin was investigated in guinea-pigs. The experimental animals were infected with B. perfringens strain 70, a culture of which was mixed with plaster of paris. For purposes of comparison, a second group of animals was injected with B. perfringens mixed with chalk. In addition, experiments were done in which botulin toxin was injected. Common plaster of paris protected a proportion of the animals from death. The results of the experiments with botulin toxin showed that plaster of paris, being a good absorbent, inhibits and prevents botulin poisoning in guinea-pigs.

(5)

MEL'NIK, L.A.

Treating burns with ordinary gypsum. Nov.khir. arkh. no.6:81
N-D '57. (MIRA 11:3)

1. Kafedra khirurgii Odesskogo instituta usovershenstvovaniya vrachey
(BURNS AND SCALDS) (GYPSUM--THERAPEUTIC USE)

17(10)

SOV/117-58-1-19/25

AUTHOR: Mel'nik, L.A.

TITLE: The Treatment of Patients Suffering From Burns With Ordinary Gypsum (Lecheniye bol'nykh s ozhogami obychnym gipsom)

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 1, pp 78 - 79 (USSR)

ABSTRACT: Following a brief historical survey, the author reports on his experiences in treating burns with ordinary gypsum. Experiments were performed by many physicians, including A.V. Kaplan, P.P. Mitrofanov, Yu.Yu. Dzhanlidze, Z.P. Samsonova, V.V. Gorinevskaya, P.P. Mitrofanov, V.I. Gin'kovskiy, G.I. Turner, Professor S.M. Minervin, P.A. Nalivkin, V.V. Babuk and A.N. Puzanova. Clinical observations of the gypsum empasma effect were made at the Khirurgicheskaya klinika Odesskogo instituta usovershenstvovaniya vrachey (Surgical Clinic of the Odessa Ad-

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SOV/177-58-1-19/25

The Treatment of Patients Suffering From Burns With Ordinary Gypsum

vanced Training Institute for Physicians). From the data gathered, the author concludes that ordinary gypsum is an excellent physical antiseptic and may successfully be used in the overall treatment of burns. Gypsum treatment can only be started when the patient has overcome shock and after primary surgical treatment of the burnt surface. Gypsum, used as an empasma, quickly relieves pain, prevents plasmorrhaxis and mephitis and sharply reduces toxemia. It protects the burnt surface from secondary infection and thus helps heal the wound.

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EXCERPTA MEDICA Sec 9 Vol 13/1 Surgery Jan 59

157. SIMPLE METHOD OF TREATMENT OF BURNS WITH ORDINARY PLASTER OF PARIS (Russian text) - Melnik L. A. ORTOP. TRAVM. PROTEZ. 1958, 10/1 (35-38)

In 264 cases burns of second and third degree, after treatment for shock, were dusted with gypsum. General management was applied as usual. Five patients died; 259 recovered. The average stay in hospital was 17.4 days. Zakrýs - Lublin (IX, 19)

MEL'NIK, L.A., KUL'CHNISKIY, P.Ye.

Effect of pneumonectomy and antibacterial therapy on the course of pulmonary tuberculosis. Probl.tub. 36 no.4:49-54 '58 (MIRA 11:7)

1. Iz legochno-khirurgicheskogo otdeleniya (sav. - kand.med.nauk P.Ye. Kul'chinskiy) Odesskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. M.A. Brusnikin).

(PNEUMONECTOMY, in various dis.

pula.tuberc., with antibact. ther., results (Rus))

~~MEL: EIK, L.A.~~

Simple method for treating burns with ordinary plaster of Paris.
Ortop.travm.protez. 19 no.1:35-38 Ja-V '58. (MIRA 11:4)

1. Is kafedry khirurgii (zav. - prof. V.M.Gin'kovskiy) Odesskogo
instituta usovershenstvovaniya vrachey.

(BURNS, ther.

plaster of paris (Rus))

(PLASTER OF PARIS, ther. use
burns (Rus))

MEL'NIK, L.A.

Clinical and laboratory test of the new diocide preparation as a method of treating the surgeon's hands. Khim. i med. no.10:37-43 '59.
(MIRA 13:2)

1. Iz kafedry propedevticheskoy khirurgii (zav. - prof. I.Ya. Deyneka) i kafedry mikrobiologii (zav. - prof. S.M. Minervin) Odesskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova.
(SURGERY, ASEPTIC AND ANTISEPTIC) (DIOCIDE)

MEL'NIK, L.A.

Torsion of the gall bladder. Vest. khir. 84 no. 4:115-116 Ap '60.
(MIRA 14:1)

(GALL BLADDER--DISEASES)

MEL'NIK, L.A., kand.med.nauk

Basic liver function tests in cavernous tuberculosis before and after resection of the lungs. Vest.khir. no.5:42-46 '61.

(MIRA 15:1)

1. Iz khirurgicheskogo otdeleniya (zav. - L.A. Mel'nik) Chernovitskogo oblastnogo protivotuberkuleznogo dispansera (nauchnyy rukovod. - prof. V.L. Khenkin).

(LUNGS—SURGERY)

(LIVER)

MEL'NIK, L.A.

Thoracoplasty and antibacterial therapy in bilateral tuberculous disorders of the lungs. Probl.tub. no.6:109-110 '61.

(MIRA 14:9)

1. Iz khirurgicheskogo otdeleniya (zav. - I.A. Daskovskiy) Chernovitskogo oblastnogo protivotuberkuleznogo dispansera (glavnyy vrach Yu.M. Leonova, nauchnyy rukovoditel' - prof. V.L. Khenkin).
(TUBERCULOSIS) (CHEST--SURGERY)

MEL'NIK, L.A., kand.med.nauk

Result of extrapleural pneumothorax in bilateral pulmonary tuberculosis. Probl.tub. 39 no.3:101-102 '61. (MIRA 14:5)

1. Iz khirurgicheskogo otdeleniya (zav. L.A. Mel'nik) Chernovitskogo oblastnogo protivotuberkuleznogo dispansera (glavnyy vrach Yu.M. Lenova, nauchnyy rukovoditel - prof. V.L. Khenkin).
(PNEUMOTHORAX)

MEL'NIK, L.A., kand.med.nauk

Preoperative preparation and postoperative care of patients in
pulmonary resection for bilateral pulmonary lesions. Khirurgiia
no.1:110-114 '62. (MIRA 15:11)

1. Iz khirurgicheskogo otdeleniya (zav. L.A. Mel'nik) Chernovitskogo oblastnogo tuberkuleznogo dispansera (glavnyy vrach Yu.M. Lenova, nauchnyy rukovoditel' - prof. V.L. Khenkin).
(LUNGS—SURGERY)

MEL'NIK, L.A.

Operations on the blood vessels and nerves in radiation sickness
in an infected wound. Med.rad. no.5:53-58 '62. (MIRA 15:8)

1. Iz kafedry gosptal'noy khirurgii (zav. - prof. V.L. Khenkin)
Chernovitskogo meditsinskogo instituta.

(RADIATION SICKNESS) (BLOOD VESSELS--SURGERY)
(NERVES --SURGERY) (WOUNDS)

S/241/63/008/003/001/003
D296/D307

AUTHOR: Mel'nik, L.A.

TITLE: The use of circular sutures on blood vessels and nerves in cases of thermal burns and radiation sickness

PERIODICAL: Meditsinskaya Radiologiya, v. 8, no. 3, 1963, 43-49

TEXT: To investigate the possibility of operative intervention on blood vessels and nerve trunks damaged by burns against a background of radiation sickness, which is a frequent combination of damage in victims of nuclear explosions, the author exposed 40 dogs weighing between 16 and 25 kg to total body radiation in a dose of 400 r spread over a period of exposure of 38 min. A PVM-11 (RUM-11) apparatus was used. At various stages of the subsequent radiation sickness experimental burns were produced under thiopentone narcosis. The anterior surface of the necks and the inner surface of the thighs were used over a total area of 180-200 cm². In the control group which consisted of 10 dogs, similar burns were pro-

Card 1/2

The use of circular sutures ...

S/241/63/008/003/001/003
D296/D307

duced without preliminary exposure to radiation. The operative intervention on the damaged blood vessels and nerves was also carried out at various stages of the radiation sickness. Ruptured blood vessels were joined by circular sutures by the method of Khenin (Raneniya krovenosnykh sosudov (Blood Vessel Injuries), Rostov-na-Donu, 1947) of Carrell, and by the invagination technique. Nerves were repaired by lateral and by circular sutures. The results seemed to depend on the stage of the radiation sickness at which the operation was carried out. The best results were obtained with circular blood vessel sutures made in the initial period and in the recovery period. At the height of the radiation sickness sutures led to thrombus formation and suppuration. Lateral sutures of the nerves did not lead to functional disorders but circular nerve sutures led to temporary motor and sensory disorders in the extremities concerned. There are 3 tables.

ASSOCIATION: Kafedra gosptal'noy khirurgii, Chernovitskogo meditsinskogo instituta (Department of Hospital Surgery, Chernovtsy Medical Institute)

SUBMITTED:
Card 2/2

September 22, 1962

BAYANDIN, P.A. (Murmansk); SHVETSOV, I.M.; TIMOFEYeva, N.V.; KOVAL', V.P.; KOZLOVA, E.Z.; TRET'YAKOV, N.I. (Kaliningrad); MAMEDOV, E.Sh. (Poselok Martuni, AzerSSR); BOROVYY, Ye.M.; DULAYEV, S.G. (Grodno); GERASIMOV, B.A. (Lugansk); MEL'NIK, L.A. (Chernovtsy); MIGAL', L.A.; GUBANOV, A.G.; GOROVENKO, G.G. (Kiyev); SHAROV, B.K. (Chelyabinsk); SHUVALOVA, Z.A. (Sverdlovsk) NEYMARK, I.I.; ARYAYEV, L.N. (Odessa); KABANOV, A.N.; KONOVALOV, Yu.S.; ZAK, V.I. (Orenburg); MIKHAYLOV, M.M.; SEZ'KO, A.D. (Voronezh); SHALAYEV, M.I.; DONIN, V.I. (Saratov).

Abstracts. Grudn. khir. 5 no.3:110-126 My-Je'63 (MIRA 17:1)

1. Iz kafedry normal'noy anatomii Ryazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova (for Shevtsov).
2. Iz Sochin-skogo nauchno-issledovatel'skogo instituta kurortologii i fizioterapii Ministerstva zdravookhraneniya RSFSR (for Timofeyeva).
3. Iz khirurgicheskogo otdeleniya Ternopol'skoy klinicheskoy gorodskoy bol'nitsy (for Koval').
4. Iz kafedry topograficheskoy anatomii i operativnoy khirurgii (zav. - prof. A.P. Sokolov). Permskogo meditsinskogo instituta (for Kozlova).
5. Iz khirurgicheskogo otdeleniya (zav. - Ye. M. Borovyy) Rovenskoy oblastnoy bol'nitsy (glavnyy vrach - UkrSSR V.M. Vel'skiy) (for Borovyy).

(Continued on next card)

BAYANDIN, P.A.— (continued) Card 2.

6. Iz fakul'tetskoy khirurgicheskoy kliniki (dir. - prof. I.M. Popov'yan) i gospital noy terapevticheskoy kliniki (dir. - prof. L.S.Shvarts) lechébnogo fakul'teta Saratovskogo meditsinskogo instituta (for Migal'). 7. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.I.Neymark) Altayskogo meditsinskogo instituta (for Neymark). 8. Iz Novosibirskogo gorodskogo protivotuberkuleznogo dispansera (for Kabanov). 9. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. I.A.Ivanov) Permskogo meditsinskogo instituta (for Shalayev).

11/1/81 K 2.4

137-58-3-6240

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 3, p 257 (USSR)

AUTHOR: Mel'nik, L. A.

TITLE: Determination of Gases in Steel by the Vacuum Fusion Method
(Opredeleniye gazov v stali metodom vakuum-plavleniya)

PERIODICAL: V sb.: Materialy nauchno-tekhn. konferentsii rabotnikov
zavodsk. laboratoriy. Rostov-na-Donu, 1957, pp 149-155

ABSTRACT: Essentially the method involves the process of melting a sample of metal in a degasified furnace with an excess of C. The gases evolved in the process are drawn off, collected, and analyzed. An installation used at the Metallurgy Institute of the Academy of Sciences of the USSR for the determination of O₂ and H₂ in steels is described, together with procedures of preparing steel to be analyzed and the procedure of the analysis itself. Data obtained under various conditions from studies on gas saturation of steels are presented. Steel 25L with low gas saturation contains 0.0028 percent O and 1.5 - 5 cc of H per 100 g of metal.
P.K.

Card 1/1

MEL'NIK, L.A.; DMITRIYEVA, V.N.; SHKODINA, I.A.; BEZUGLYY, V.D.

Determination of β -acetyltetralin by polarography. Zhur.anal.
khim. 17 no.6:754-758 S '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov,
staintillyatsionnykh materialov i osobo chistykh khimicheskikh
veshchestv, Khar'kov.

(Acetonaphthone) (Polarography)

S/075/63/018/003/004/006
E071/E436

AUTHORS: Bezuglyy, V.D., Dmitriyeva, V.N., Mel'nik, L.A.
Preobrazhenskaya, Ye.A., Shkodina, I.A., Mil'ner, R.S.
Dovgosheya, M.I., Dykhanova, A.S.

TITLE: Polarographic control of the individual stages of the
synthesis of some monomers

PERIODICAL: Zhurnal analiticheskoy khimii, v.18, no.3, 1963, 385-395

TEXT: A study was made of the polarographic behavior of 4-acetyl-
diphenyl and its chloro-, fluoro-, hydroxy- and methoxy-4'
derivatives as well as β -acetyltetralin (which are intermediate
products in the synthesis of 4-vinyldiphenyl), its derivatives and
 β -vinyltetralin. A method was also developed of the polarographic
determination of these compounds in reaction mixtures after
acetylation, after reduction of acetyl derivatives into
corresponding carbinols and in industrial products. The method
was checked on synthetic mixtures containing various proportions of
the substances under examination with satisfactory results.
Similarly, polarographic behavior of 4-diphenylaldehyde and
4-phenylcinnamic acid (intermediates in the synthesis of 4-vinyl-
diphenyl) and 4-nitrodiphenyl (intermediate in the synthesis of
Card 1/2

Polarographic control ...

S/075/65/018/003/004/006
E071/E456

halogen containing monomers of the vinyl-diphenyl series) was studied. Methods of quantitative determination of these compounds in the reaction mixture were developed. All the methods were successfully used for the control of the synthesis of 4-vinyl-diphenyl and β -vinyltetralin and their derivatives. There are 6 figures and 10 tables.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov, tsintillyatsionnykh materialov i osobo chistykh veshchestv, Khar'kov (All-Union Scientific Research Institute for Monocrystals, Scintillating Materials and Highly Pure Substances, Khar'kov)

SUBMITTED: May 7, 1962

Card 2/2

BEZUGLYY, V.D.; DMITRIYEVA, V.N.; SHKODINA, I.A.; MEL'NIK, I.A.

Polarographic study of the series of 4-acetylbiphenyl derivatives.
Zhur.ob.khim. 34 no.2:376-383 F '64. (MIRA 17:3)

BEZUGLYY, V.D.; MEL'NIK, L.A.

Polarographic study of some derivatives of 4-acetylbiphenyl
and 2-acetylfluorene. Zhur. ob.khim. 34 no.7:2103-2107 J1 #64
(MIRA 17:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristal-
lov i osobo chistyykh veshchestv.

BEZUGLYY, V.D.; MEL'NIK, L.A.

Polarographic study of some methyl derivatives of acetophenone.
Zhur. ob. khim. 34 no.8:2495-2499 Ag '64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut monokristallov.

SHEKHMEYSTER, Sh.Ya., gornyy inzh.; MEL'NIK, L.A., gornyy inzh.

Engineering standards of the strip mining of iron ore. Gor.zhur.
no.1:24-27 Ja '65. (MIRA 18:3)

1. Gosudarstvennyy soyuznyy institut po proyektirovaniyu predpriyatiy
gornorudnoy promyshlennosti, Leningrad.

23(0)

AUTHORS:

Pines, B.Ya., Sirenko, A.F., Mel'nik, L.G. SOV/57-28-10-36/40

TITLE:

On the Resolving Power of the So-Called High-Dispersion X-Ray Photography (O razreshayushchey sposobnosti tak nazyvayemogo vysokodispersionnogo rentgenografirovaniya)

PERIODICAL:

Zhurnal tekhnicheskoy fiziki, Vol 28, Nr 10, pp 2344-2347 (USSR)

ABSTRACT:

This is a comparison of the resolving power of a reversal photograph as dependent upon the distance between the film and the sample. It was found that no increase in the resolving power of X-ray photographs is achieved even if the distance between film and sample is varied between 90 - 750 mm. An increase of D exceeding 100 to 150 mm is proved not to be expedient. This is due to the circumstance that when the resolving power of the photograph at great D is maintained, the negative influence of X-ray dispersion in air becomes more pronounced (leading to an increase of background in the X-ray photographs, and in a longer exposure of the photographs). There are 3 figures, 1 table, and 6 references, 6 of which are Soviet.

Card 1/2

On the Resolving Power of the So-Called High-Dispersion X-Ray Photography SOV/57-28-10-36/40

SUBMITTED: November 10, 1957

Card 2/2

USSR/General Biology. General Hydrobiology.

B-6

Abs Jour : Ref Zhur-Biol., No 16, 1958, 71670

Author : Mel'nik, L. M.
Inst : L'vov University.
Title : Plankton of the Lyutsiner and Chernoye Lakes
of the Shatsk Group.

Orig Pub : Dopovidi ta povidomlonnya. L'vivs'k. un-t,
1957, vip. 7, ch. 3, 128-133

Abstract : Plankton were studied of the Lyutsiner and Chernoye Lakes, which are located near Shatsk (Volynskaya Oblast'). Morphological and hydrochemical characteristics of the lakes are presented. The specific composition of the zooplankton, and partially of the phytoplankton, were investigated, as well as the quantitative relationship of the different groups of algae

Card : 1/2

MEL'NIK, L.M.

Distribution of the common beet weevil (*Bothynoderes punctiventris*
Germ.) in Ciscarpathia. Nauk. zap. UzhGU 40:275-278 '59.

(MIRA 14:4)

1. L'vovskiy gosudarstvennyy universitet.
(Carpathian Mountain region—Weevils)
(Beets—Diseases and pests)

MEL'NIK, L.S.

MEL'NIK, L.S., mladshiy nauchnyy sotrudnik

Results of a prophylactic examination of separate groups of
different age for the detection of glaucoma. Oft.zhur. 12 no.4:
216-219 '57. (MIRA 10:11)

1. Iz Ukrainakogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii im. akad. V.P.
Filatova (direktor - prof. N.A.Puchkovskaya)
(GLAUCOMA--DIAGNOSIS)

MEL'NIK, L.S., mladshiy nauchnyy sotrudnik

Norms for elastotonometric curves. Oft. zhur. 16 no.4:221-227
'61. (MIRA 14:7)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V.P.Filatova (direktor - prof. N.A.Puchkovskaya).
(EYE-EXAMINATION)

MEL'NIK, M.A.; IVANOV, A.S.; PODGAYETSKAYA, M.G., kandidat meditsinskikh nauk; BABASEVA, Ye.P.; LESTOVETSKAYA, G.I.; MITSINSKIY, N.V.

Treating mycoses of the scalp with "Lesovaya" liquids nos 1 and 2 without using X rays. Report No.2. Vest.ven. i derm. 30 no.4:52-53 (MLRA 9:10)
Jl-Ag '56.

1. Iz mikologicheskogo otdeleniya Kiyevskogo gorodskogo kozhno-venerologicheskogo dispensera.
(ANTISEPTICS) (DERMATOMYCOSIS) (SCALP—DISEASES)

BELIKOV, V.S., inzh.; ZIL'BERFARB, P.M., inzh.; MEL'NIK, M.F., inzh.

Making large silicate blocks in a specialized shop. Stroi.
mat. 5 no.2:23-26 F '59. (MIRA 12:2)
(Building blocks) (Silicates)

MEL'NIK, M.I., inzh.; SHIL'NIK, M.N., inzh.

New protective coating for metal surfaces. Sudostroenie 25
no.6:30-32 Ja '59. (MIRA 12:9)
(Protective coatings) (Ships--Painting)

1. ZUBIK, O. A.: MEL'NIK, M. I.
2. USSR (600)
4. Feeding and Feeding Stuffs
7. Work methods of the progressive milkmaid.
Sots. zhiv. 14 No. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

MEL'NIK, M. I.

Use of Gordeev's solution in dermatology. Vest. vener. No. 4,
July-Aug. 50. p. 39-40

1. Of the Skin Room (Head--M. I. Mel'nik), Kiev Dermato-
Venereological Institute (Director--Prof. A. P. Lavrov).

CIML 19, 5, Nov., 1950

MELE'NIK, M.I.; NIKITINA, T.A., kandidat meditsinskikh nauk; BABASEVA,
YE.F.; FOKINA, A.I.; KOHONOV, O.K.; SEVERIN, A.V.

Treatment of mycoses of the scalp with Lesovykh solutions No.1
and No.2 without using X rays. Vest. ven. i derm. no.5:21-22
S-O '54. (MLRA 7:11)

1. Iz Kiyevskogo dermato-venerologicheskogo instituta (dir. G.Ye.
Koryakin) i Kiyevskogo gorodskogo dispansera (glavnyy vrach A.S.
Ivanov)

(HEAD, diseases,
fungus dis., chemother.)

(FUNGUS DISEASES,
scalp, chemother.)

MEL'NIK, M.I.

Prevention of dermatomycosis of the scalp. Vrach. delo no.1:41-43
Ja '57 (MLRA 10:4)

1. Mikologicheskoye otdeleniye (zav.-M.I. Mel'nik) Kiyevskogo
gorodskogo kozhno-venerologicheskogo dispansera.
(DERMATOMYCOSIS) (SCALP--DISEASES)

MEL'NIK, M.I.; KHALIN, M.S.

Psoriasis of the oral mucosa. Vest.dern. i ven. 32 no.1:76 Ja-F
'58. (MIRA 11:4)

1. Kiyevskogo gorodskogo kozhno-venerologicheskogo dispansera.
(PSORIASIS) (MUCOUS MEMBRANE--DISEASES)

POTOTSKIY, I.I., prof. Prinimali uchast'ye: MEL'NIK, M.I., vrach; MORINYAK,
Z.N., vrach; FOKINA, A.I., vrach

Use of psoriasine in psoriasis. Vest. dermat. i ven. 37 no.7:
23-26 J1'63 (MIRA 16:12)

1. Kiyevskiy gorodskoy kozhno-venerologicheskoy dispensar (for
Mel'nik, Morinyak, Fokina).

MEL'NIK, M. K.

15G43

USSR/Sugar 4304.0300

Oct 1947

"State Beet Farms Fulfill Their Obligations," M. K. Mel'nik, 1 1/2 pp

"Sakhar Prom" Vol XX, No 10

By 1 Sep 1947 State beet farms fulfilled plan by 130%, with 1,800,000 pud over plan. Table gives names of State farms and combines, director, chief agronomist, and harvest per hectare for Kiev, Vinnitsa, Khar'kov, Sumy, Poltava, Kursk, Voronezh, and Zhitomir Sugar Beet Trusts.

LC

15G43

MEL'NIK, M. K.

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34703. Sveklosovkhozy K 32-Y godovshchyme velikoto oktyrbrya. Sakhar. Prom-st',
1949, No. 11, c. 35-40

SO: Knizhuaya, Letopis', Vol. 7, 1955

MEL'NIK, M. K.

Agriculture

Principles of the organization of production on state beet farms.
(Moskva), Pishchepromizdat, 1951.

Monthly List of Russian Accessions, Library of Congress, November 1952.

UNCLASSIFIED.

MEL'NIK, M.K.

SVEKLOSOVKHOZ "KRASNDARMEY-SKIY". MOSKVA, GOS, IZD-VD SEL'KHOZ. LIT-RY
1952 (SOVKHOZY). 147 p.

MEL'NIK, M.K.

Sugar Growing

Increase the profits of state beet farms. Sakh. prom. 26 no. 4, 1952

Monthly List of Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

1. MEL'NIK, M. K.
2. USSR (600)
4. Beets and Beet Sugar
7. For further increase in state farm production. Sakh. prom. 27, no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

MEL'NIK, M.K.

Task of all state sugar-beet farms is to become model, profitable farms.
Sakh.prom. 27 no.10:4-6 '53. (MIRA 6:11)

1. Glavsakhar.

(State farms) (Stock and stockbreeding)

KOLOMIYETS, S.F.; MEL'NIK, M.K.

Utilizing fully the reserves of state sugar beet farms. Sakh.prom. 27
no. 11:5-9 '53. (MLRA 7:1)

1. Glavnoye upravleniye sakharney promyshlennosti.
(Sugar beets)

MEL'NIK, M.K.

Improving sugar beet seed growing. Sakh.prom. 28 no.2:44-46 '54.
(MLRA 7:4)

1. Glavsakhar.

(Sugar growing)

MEL'NIK. H.K.

State beet farms which are participants in the All-Union
Agricultural Exhibition. Sakh.prom. 28 no.4:36-38 '54.

(MLRA 7:7)

1. Glavsakhar.
(Sugar beets) (Agricultural exhibitions)

MEL'NIK, M. K.

Improve the work of state veet farms. Sakh.prom. 29 no.3:1-5 '55.
(MIRA 8:7)

1. Glavnoye upravleniye sakharney promyshlennosti
(State farms) (Sugar beets)

MEL'NIK, M.K.

System of agricultural production in the United States. Sakh.prom.30
no.3:13-16 Nr '56. (MIRA 9:7)
(United States--Agriculture)

MEL'NIK, M.K.

Beet-seed production in the Soviet union. Sakh.prom. 31 no.7:47-49
Jl '57. (MLRA 10:8)

1.Gosglavsakhar.
(Sugar beets) (Seed industry)

~~REL'NIE. M.E.~~

State sugar beet farms on the fortieth anniversary of the Great
October Socialist Revolution. Sakh. prom. 31 no.11:25-30 N '57.
(State farms) (Sugar beets) (NIRA 11:1)

MEL'NIK, M.K.

~~_____~~
First years in the organization of state sugar beet farms. Sakh.
prom. 31 no.11:55-58 N '57. (MIRA 11:1)
(Sugar beets) (State farms)

MEL'NIK, M. K.

Results of the testing of beet harvesting machinery in 1957.
Sakh. prom. 32 no. 7:59-63 Jy '58. (MIRA 11:8)
(Harvesting machinery)
(Sugar beets)

MEL'NIK, M.K.

How agricultural machines for planting and cultivating sugar beets.
Sakh. prom. 33 no.1:65-68 Ja '59. (MIRA 12:1)
(Sugar beets) (Planters (Agricultural machinery))

BUZANOV, I.F., akademik, otv.red.; MEL'NIK, M.K., agronom, red.; ORLOV,
I.P., agronom, red.; FEDOROV, A.I., doktor sel'skokhoz.nauk, red.;
TSYGURA, K.D., agronom, red.; SERDYUK, B.M., red.; MANOYLO, Z.T.,
khud.-tekhn.red.

[Production of sugar beet seeds] Semenovodstvo sakharnoi svekly.
Kiev, Izd-vo Ukrainskoi akad.sel'khoz.nauk, 1960. 271 p.
(MIRA 14:1)

1. Kiyev. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly.

(Sugar beets)

MEL'NIK, M.K.

Improving the selection work and growing of best seeds. Sakh.
prom. no.4:68-70 Ap '60. (MIRA 13:8)
(Sugar growing)

MEL'NIK, M.K.

Laureates of the Lenin Prize. Sakh.prom. 34 no.6:67-68 Je
'60. (MIRA 13:7)
(Sugar beets)

MEL'NIK, M.K.

Results of testing the beet harvester combines. Sakh.
prom. 34 no.8:55-57 Ag '60. (MIRA 13:8)
(Beets--Harvesting)

BORKOVSKIY, M.A.; VOSTOKOV, A.I.; ZHVIRKO, I.S.; LEPESHKIN, I.P.;
MEL'NIK, M.K.; MITROFANOV, V.P.; RODKEVICH, A.V.; SILIN,
P.I. [deceased]; YAKUBOVSKIY, V.V.; YEREMENKO, B.A.,
retsenzent; MAR'YANCHIK, V.L., retsenzent; MAKSIMOV, A.I.,
retsenzent; PRITYKINA, L.A., red.

[Handbook for the sugar manufacturer] Spravochnik sakhar-
nika. Moskva, Pishchevaia promyshlennost'. Pt.2. 1965.
778 p. (MIRA 18:9)

MEL'NIK, M.M., fel'dsher; ANYSHENA, A.S., akusherka (selo Shenderoyka,
Vinnitskoy oblasti)

Sanitary and preventive tasks for a feldsher midwife station. Fel'd.
i akush. 27 no.3:41-42 Mr '62. (MIRA 15:4)
(RURAL MEDICINE)

PUCHKOVSKAYA, N.A., prof.; DRAGOMIRETSKIY, G.A., starshiy nauchnyy sotrudnik;
MEL'NIK, M.N.

New forms of organizing ophthalmic dispensary service for the
population. Oft.zhur. 17 no.7:387-390 '62. (MIRA 16:3)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V.P. Filatova (dir. - chlen-korrespondent AMN SSSR prof. N.A.
Puchkovskaya) i Odesskogo oblastnogo otdela zdravookhraneniya
(zav. M.N. Mel'nik).

(HOSPITALS, OPHTHALMIC AND AURAL)

KOROVITSKIY, L.K. [Korovyts'kyi, L.K.], prof.; GRIGORASHKO, A.Ye.
[Hryhorashko, A. IE.], dotsent; MEL'NIK, M.N. [Mel'nyk, M.N.];
BOGDANYUK, L.S. [Bohdaniuk, L.S.], aspirant.

Measures for the control of congenital toxoplasmosis. Pediat.
akush. ginek. no.3:35-36 '63 (MIRA 17:1)

1. Odesskiy meditsinskiy institut (rektor - prof. I.Ya.Deyneka
[Deineka, I.IA.]) i Odesskiy institut epidemiologii i mikro-
biologii (direktor - prof. N.D. Anina-Radchenko).

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